

# FLORIDA

## Science and Engineering Profile

	Florida	U.S.	Rank		Florida	U.S.	Rank
Doctoral scientists, 1993	11,809	430,332	13	Total R&D performance, 1993 (millions)	\$3,526	\$161,427	12
Doctoral engineers, 1993	2,339	81,293	12	Industry R&D, 1993 (millions)	\$2,425	\$117,622	12
S&E doctorates awarded, 1995	670	26,482	11	Academic R&D, 1994 (millions)	\$549	\$20,573	12
of which, in engineering	21%	23%		of which, in life sciences	51%	55%	
in psychology	20%	13%		in physical sciences	14%	10%	
in life sciences	20%	24%		in engineering	13%	16%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	558	36,143	20	expenditures, 1993 (millions)	\$4,690	\$163,994	10
S&E graduate students, 1994				Number of SBIR awards, 1990-94	376	18,023	12
in doctorate-granting institutions	18,220	438,694	8	Patents issued to state residents, 1995	2,002	55,717	10
Population, 1995 (000s)	14,166	262,755	4	Gross state product, 1992 (billions)	\$268.6	\$5,994.1	5
Civilian labor force, 1995 (000s)	6,830	132,281	4	of which, agriculture	2%	2%	
Personal income per capita, 1995	\$22,916	\$22,788	21	manufacturing, mining, construction	13%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures, 1995 (millions)	\$74,992	\$1,326,294	4	wholesale and retail trade	18%	16%	
R&D obligations, 1994 (millions)	\$2,906	\$65,654	7	finance, insurance, real estate	20%	18%	
				services	23%	20%	
				government	13%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

### Federal Obligations for Research and Development in Florida by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	2,906,333	585,886	0	2,047,291	263,964	4,421	4,771	7
<b>Department of Agriculture</b>	34,000	21,896	0	0	11,974	130	0	14
<b>Department of Commerce</b>	40,022	32,835	0	3,732	3,319	0	136	5
<b>Department of Defense</b>	2,122,465	294,791	0	1,781,797	45,742	135	0	5
<b>Department of Energy</b>	71,844	0	0	54,712	17,128	4	0	18
<b>Dept. of Health &amp; Human Services</b>	128,971	0	0	5,219	119,668	2,460	1,624	22
<b>Department of the Interior</b>	11,898	10,925	0	79	894	0	0	17
<b>Department of Transportation</b>	6,058	175	0	2,736	514	0	2,633	19
<b>Environmental Protection Agency</b>	12,277	4,007	0	7,280	864	0	126	10
<b>Nat'l Aeronautics &amp; Space Admin.</b>	429,133	221,257	0	191,131	16,068	425	252	7
<b>National Science Foundation</b>	49,665	0	0	605	47,793	1,267	0	12
<b>State rank</b>	7	7	na	4	12	37	13	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.